Special Issue

Advances and Experiences in Fishway Design and Assessment

Message from the Guest Editors

Fishways *sensu lato* are the most used solution to mitigate longitudinal connectivity problems caused by river barriers. There are multiple types of fishways (nature-like, step pools, baffles, lifts, locks, etc.) and all aim to allow the free, safe movement of migratory fish through barriers without delay. However, today, there are still multiple unknowns (performance for less known species, ethohydraulics, attraction, bidirectional usage, etc.) that could deviate fishways from their objective and require more research and development. New advances in ecology, behavior, and swimming performance of fish are guiding current designs to multiespecies fishways, with the goals of lightening hydrodynamic requirements for fish (e.g., by naturalization, incorporating roughness, or other geometrical features), improving attraction/rejection to key locations, or proposing new fishway typologies (e.g. pumps, siphons or screws), among others [...] For further reading, please follow the link to the Special Issue Website at: www.mdpi.com/journal/water/special_issues/fishway

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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